

RADIO FREQUENCY IDENTIFICATION SYSTEM
WITH WRITE BROADCAST CAPABILITY

ABSTRACT

A Write Broadcast system and method uses a base station to write sent data to all or some selected number (sub group) of tags in a base station field simultaneously. By unselecting the tags that have been successfully written to, and requesting a response from the remaining tags in the field (or sub group), the system determines, by receiving a response to the request, that there are tags in the field (sub group) that were unsuccessfully written to. Another Write Broadcast signal is sent to these tags. The system is useful for quickly (simultaneously) "stamping" information on the tag memory of a large number of tags in the field of the base station.

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